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Substitute for form 1449/APTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/517,627
		Filing Date	September 7, 2005
		First Named Inventor	FLEXMAN, et al.
		Art Unit	2859
		Examiner Name	Not Yet Assigned
Sheet 2	of 4	Attorney Docket Number	WRA0006-US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DV		Flexman, et al., "The Detection of Explosives in Airport Luggage Using the Direct Nuclear Quadrupole Resonance Method," Detection of Bulk Explosive Advanced Techniques Against Terrorism, Proceedings of the NATO Advanced Research Workshop held in St. Petersburg, Russia, 16-21 June, 2003, Series: NATO Science Series II: Mathematics, Physics and Chemistry, Schubert, Kuznetsov (eds.) Vol. 138, 2004, pp. 113-124	<input type="checkbox"/>
DV		Beuss, et al., "Explosive Detection by <sup>14</sup> N Pure NQR," Advances in Analysis and Detection of Explosives, 1993, pp. 361-368	<input type="checkbox"/>
DV		Horowitz and Hill, "Field Effect Transistors," Chapter 3 In: The Art of Electronics, 2 <sup>nd</sup> Edition, University of Cambridge, USA, 1989	<input type="checkbox"/>
DV		Florida, et al., "Fast-Recovery Crossed-Coil Probe for Low Frequency Solid-State NMR," Measurement Science and Technology, Vol. 2, 1991, pp. 934-937	<input type="checkbox"/>
DV		Decorps, et al., "An Inductively Coupled, Series-Tuned NMR Probe," Journal of Magnetic Resonance, Vol. 65, 1985, pp. 100-109	<input type="checkbox"/>
DV		Samuelson and Ailion, "Self Switching Damping Circuit for Reducing Transmitter Ringdown Time in High Power Pulse NMR," Review of Scientific Instruments, Vol. 41, No. 11, 1970, pp. 1601-1603	<input type="checkbox"/>
DV		Suits, et al., "Super-Q Detection of Transient Magnetic Resonance Signals," Journal of Magnetic Resonance, Vol. 132, 1998, pp. 54-56	<input type="checkbox"/>
DV		Rudakov and Mikhaltsevich, "Damping of Transients in an Excited Circuit of an NQR Spectrometer," Instruments and Experimental Techniques, Vol. 38, No. 6, Part 1, 1995, pp. 744-745	<input type="checkbox"/>
DV		Kisman and Armstrong, "Coupling Scheme and Probe Damper for Pulsed Nuclear Magnetic Resonance Single Coil Probe," Review of Scientific Instruments, Vol. 45, No. 9, 1974, pp. 1159-1163	<input type="checkbox"/>
DV		Conradi, "FET Q Switch for Pulsed NMR," The Review of Scientific Instruments, Vol. 48, No. 3, 1977, pp. 359-361	<input type="checkbox"/>
DV		Roeder, et al., "A Single Coil Probe Damper for Pulsed Nuclear Magnetic Resonance," The Review of Scientific Instruments, Vol. 42, No. 11, 1971, pp. 1692-1693	<input type="checkbox"/>

Examiner Signature	/Dixomara Vargas/	Date Considered	10/24/2006
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DV		Hoult and Richards, "The Signal-To-Noise Ratio of the Nuclear Magnetic Resonance Experiment," Journal of Magnetic Resonance, Vol. 24, 1976, pp. 71-85	<input type="checkbox"/>
DV		Hoult, "Fast Recovery With a Conventional Probe," Journal of Magnetic Resonance, Vol. 57, 1984, pp. 394-403	<input type="checkbox"/>
DV		Hoult, "Fast Recovery, High Sensitivity NMR Probe and Preamplifier for Low Frequencies," Review of Scientific Instruments, Vol. 50, No. 2, 1979, pp. 193-200	<input type="checkbox"/>
DV		Hirschfeld and Klainer, "Short Range Remote NQR Measurements," Journal of Molecular Structure, Vol. 58, 1980, pp. 63-77	<input type="checkbox"/>
DV		Stokes, "Tuned Limiter for Receiver Amplifier in a Fast-Recovery Pulsed NMR Spectrometer," Review of Scientific Instruments, Vol. 49, No. 7, 1978, pp. 1011-1012.	<input type="checkbox"/>
DV		Klainer, et al., "Fourier Transform Nuclear Quadrupole Resonance Spectroscopy," Fourier, Hadamard and Hilbert Transforms in Chemistry, A.G. Marshall, ed., Plenum, NY, 1982, pp. 147-182	<input type="checkbox"/>
DV		Li, et al., "A Novel Probe Design for Pulsed Nitrogen-14 Nuclear Quadrupole Resonance Spectrometer," Review of Scientific Instruments, Vol. 67, No. 3, 1996, pp. 704-706	<input type="checkbox"/>
DV		Hwang and Hoult, "Automatic Probe Tuning and Matching," Magnetic Resonance in Medicine, Vol. 39, No. 2, 1998, pp. 214-222	<input type="checkbox"/>
DV		Reykowski, et al., "Design of Matching Networks for Low Noise Preamplifiers," Magnetic Resonance in Medicine, Vol. 33, No. 6, 1995, pp. 848-852	<input type="checkbox"/>
DV		Traficante, "Impedance: What it is, and Why it Must be Matched," Concepts in Magnetic Resonance, Vol. 1, 1989, pp. 73-92	<input type="checkbox"/>
DV		Ramachandran and Narasimhan, "A Coherent Nuclear Quadrupole Pulse and Double Resonance Spectrometer," Journal of Physics E: Scientific Instruments, Vol. 16, 1983, pp. 643-648	<input type="checkbox"/>

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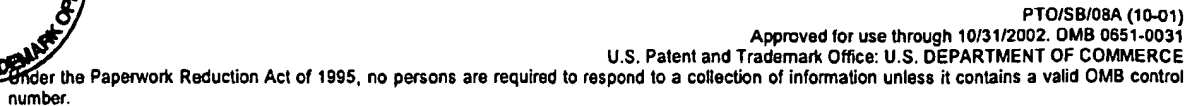
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DV		Raad and Darrasse, "Optimization of NMR Receiver Bandwidth by Inductive Coupling," Magnetic Resonance Imaging, Vol. 10, 1992, pp. 55-65	<input type="checkbox"/>
DV		Petersen, "Low Frequency NQR Matching Network," The NQR Newsletter, edited by RA Marino, 1-2, 1994, pp. 20	<input type="checkbox"/>
DV		Netzer, "The Design of Low-Noise Amplifiers," Proceedings of the IEEE, Vol. 69, No. 6, 1981, pp. 728-741	<input type="checkbox"/>
DV		Hirschfeld and Klainer, "Short Range Remote NQR Measurements," Journal of Molecular Structure, Vol. 58, 1980, pp. 63-77	<input type="checkbox"/>
DV		Harding, et al., "A Pulsed NQR-FFT Spectrometer for Nitrogen-14," Journal of Magnetic Resonance, Vol. 36, 1979, pp. 21-33	<input type="checkbox"/>
DV		Griffin, et al., "Low-Frequency NMR Spectrometer," Measurement Science and Technology, Vol. 4, 1993, pp. 968-975	<input type="checkbox"/>
DV		Anferov, et al., "Pulsed Spectrometer for Nuclear Quadrupole Resonance for Remote Detection of Nitrogen in Explosives," Review of Scientific Instruments, Vol. 71, No. 4, 2000, pp. 1656-1659	<input type="checkbox"/>
DV		Andrew and Jurga, "NMR Probe with Short Recovery Time," Journal of Magnetic Resonance," Vol. 73, 1987, pp. 268-276	<input type="checkbox"/>
DV		Scott, et al., "Low Field Preamp Matching Design for High Q Receiver Coils," 4 <sup>th</sup> Meeting of the ISMRM, 1996 (NY), p. 396	<input type="checkbox"/>
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